

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	Operating System Upgrades in a Trusted Operating System Environment
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Application Number: 09/993373
Confirmation Number: 5760
First Named Applicant: Paul England
Attorney Docket Number: ...
Art Unit: 2134
Examiner: Gregory Morse
Search string: (4827508 or 4969189 or 4977594 or 5023907 or 5050213 or 5140634 or 5276311 or 5335334 or 5410598 or 5473690 or 5473692 or 5491827 or 5544246 or 5557518 or 5654746 or 5664016 or 5671280 or 5721781 or 5745886 or 5757919 or 5796824 or 5812662 or 5812980 or 5841869 or 5872847 or 5892900 or 5892902 or 5892904 or 5910987 or 5915019 or 5917912 or 5920861 or 5919257 or 5933498 or 5940504 or 5943422 or 5944821 or 5949876 or 5953502 or 5958050 or 5963980 or 5982891 or 5991399 or 5991876 or 6006332 or 6009274 or 6009401 or 6026166 or 6032257 or 6038551).pn.



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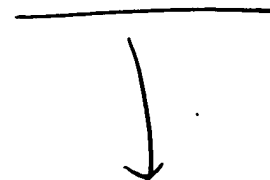
US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents


init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
rw	1	4827508	1989-05-02	Shear			
	2	4969189	1990-11-06	Ohta et al.			
	3	4977594	1990-12-11	Shear			
	4	5023907	1991-06-11	Johnson et al.			
	5	5050213	1991-09-17	Shear			
	6	5140634	1992-08-18	Guillou et al.			
	7	5276311	1994-01-04	Hennige			
	8	5335334	1994-08-02	Takahashi et al.			
g	9	5410598	1995-04-25	Shear			

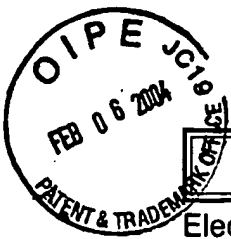
10	5473690	1995-12-05	Grimonprez et al.
11	5473692	1995-12-05	Davis
12	5491827	1996-02-13	Holtey
13	5544246	1996-08-06	Mandelbaum et al.
14	5557518	1996-09-17	Rosen
15	5654746	1997-08-05	McMullan, Jr. et al.
16	5664016	1997-09-02	Preneel et al.
17	5671280	1997-09-23	Rosen
18	5721781	1998-02-24	Deo et al.
19	5745886	1998-04-28	Rosen
20	5757919	1998-05-26	Herbert et al.
21	5796824	1998-08-18	Hasebe et al.
22	5812662	1998-09-22	Hsu et al.
23	5812980	1998-09-22	Asai
24	5841869	1998-11-24	Merklin et al.
25	5872847	1999-02-16	Boyle et al.
26	5892900	1999-04-06	Ginter et al.
27	5892902	1999-04-06	Clark
28	5892904	1999-04-06	Atkinson et al.
29	5910987	1999-06-08	Ginter et al.
30	5915019	1999-06-22	Ginter et al.
31	5917912	1999-06-29	Ginter et al.
32	5920861	1999-07-06	Hall et al.
33	5919257	1999-07-06	Trostle
34	5933498	1999-08-03	Schneck et al.
35	5940504	1999-08-17	Griswold
36	5943422	1999-08-24	Van Wie et al.
37	5944821	1999-08-31	Angelo
38	5949876	1999-09-07	Ginter et al.
39	5953502	1999-09-14	Helbig, Sr.
40	5958050	1999-09-28	Griffin et al.
41	5963980	1999-10-05	Coulier et al.
42	5982891	1999-11-09	Ginter et al.
43	5991399	1999-11-23	Graunke et al.
44	5991876	1999-11-23	Johnson et al.
45	6006332	1999-12-21	Rabne et al.

2	46	6009274	1999-12-28	Fletcher et al.
	47	6009401	1999-12-28	Horstmann
J	48	6026166	2000-02-15	LeBourgeois
J	49	6032257	2000-02-29	Olarig et al.
	50	6038551	2000-03-01	Barlow et al.



Signature



Examiner Name	Date
	12/2/00



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<table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>6073124</td><td>2000-06-06</td><td>Krishnan et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>2</td><td>6092189</td><td>2000-07-18</td><td>Fisher et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>3</td><td>6105137</td><td>2000-08-15</td><td>Graunke et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>4</td><td>6112181</td><td>2000-08-29</td><td>Shear et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>5</td><td>6118873</td><td>2000-09-12</td><td>Lotspeich et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>6</td><td>6138119</td><td>2000-10-24</td><td>Hall et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>7</td><td>6148402</td><td>2000-11-14</td><td>Campbell</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>8</td><td>6148387</td><td>2000-11-14</td><td>Galasso et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>9</td><td>6157721</td><td>2000-12-05</td><td>Shear et al.</td><td></td><td></td><td></td></tr></tbody></table> 		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	6073124	2000-06-06	Krishnan et al.				<input checked="" type="checkbox"/>	2	6092189	2000-07-18	Fisher et al.				<input checked="" type="checkbox"/>	3	6105137	2000-08-15	Graunke et al.				<input checked="" type="checkbox"/>	4	6112181	2000-08-29	Shear et al.				<input checked="" type="checkbox"/>	5	6118873	2000-09-12	Lotspeich et al.				<input checked="" type="checkbox"/>	6	6138119	2000-10-24	Hall et al.				<input checked="" type="checkbox"/>	7	6148402	2000-11-14	Campbell				<input checked="" type="checkbox"/>	8	6148387	2000-11-14	Galasso et al.				<input checked="" type="checkbox"/>	9	6157721	2000-12-05	Shear et al.			
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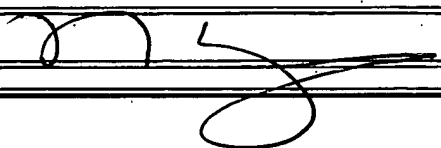
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12	6185678	2001-02-06	Arbaugh et al.
13	6189100	2001-02-13	Barr et al.
14	6192473	2001-02-20	Ryan, Jr. et al.
15	6212636	2001-04-03	Boyle et al.
16	6223284	2001-04-24	Novoa et al.
17	6229894	2001-05-08	Van Oorschot et al.
18	6230285	2001-05-08	Sadowsky et al.
19	6237786	2001-05-29	Ginter et al.
20	6240185	2001-05-29	Van Wie et al.
21	6253193	2001-06-26	Ginter et al.
22	6263431	2001-07-17	Lovelace et al.
23	6272629	2001-08-07	Stewart
24	6292569	2001-09-18	Shear et al.
25	6327652	2001-12-04	England et al.
26	6330588	2001-12-11	Freeman
27	6338139	2002-01-08	Ando et al.
28	6341373	2002-01-22	Shaw
29	6363486	2002-03-26	Knapton, III
30	6363488	2002-03-26	Ginter et al.
31	6367012	2002-04-02	Atkinson et al.
32	6381741	2002-04-30	Shaw
33	6389402	2002-05-14	Ginter et al.
34	6389537	2002-05-14	Davis et al.
35	6427140	2002-07-30	Ginter et al.
36	6449367	2002-09-10	Van Wie et al.
37	6477252	2002-11-05	Faber et al.
38	6477648	2002-11-05	Schell et al.
39	6480961	2002-11-12	Rajasekharan et al.
40	6560706	2003-05-06	Carbajal et al.
41	5787427	1998-07-28	Benantar et al.

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
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<input checked="" type="checkbox"/>	6	20020152173	2002-10-17	Rudd			

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Examiner Name	Date
	12/11/08

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(use as many sheets as necessary)

Sheet 1 of 3

Application Number	09/993,373
Filing Date	11/16/2001
First Named Inventor	England et al.
Group Art Unit	2134
Examiner Name	Morse, G.
Attorney Docket Number	MS1-954US

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		Filing Date	11/16/2001
		First Named Inventor	England et al.
		Group Art Unit	2134
		Examiner Name	Morse, G.
		Attorney Docket Number	MS1-954US
Sheet	2	of	3

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m		"Facing an Internet Security Minefield, Microsoft Hardens NT Server Defenses", Young R., Windows Watcher, 09/12/97, Vol. 7, Issue 9, p1, 6p, 1 chart.	
		"Phoenix Technologies Partners with Secure Computing in Enterprise Security Marketplace", July 12, 2001, Business Wire, Courtesy of Dialog Text Search, Pg. 1-2.	
		Murphy et al., "Preventing Piracy: Authorization Software May Ease Hollywood's Fear of the Net", Internet World Magazine, April 1, 2000, 3 pages.	
		"Internet Security: SanDisk Products and New Microsoft Technology Provide Copy Protected Music for Internet Music Player Market. (Product Announcement)", Edge: Work Group Computing Report, April 19, 1999, 2 pages.	
		Arbaugh et al., "A Secure and Reliable Bootstrap Architecture", Distributed Systems Laboratory, Philadelphia, PA, 1997, pp. 65-71.	
		Lampson et al., "Authentication in Distributed Systems: Theory and Practice", Digital Equipment Corporation, ACM Transactions on Computer Systems, Vol. 10, No. 4, November 1992, pp. 265-310.	
		Clark et al., "Bits: A Smartcard Protected Operating System", Communications of the ACM, Vol. 37, No. 11, November 1994, pp. 66-70, 94.	
		Yee, "Using Secure Coprocessors", School of Computer Science, Carnegie Mellon University, 1994, 104 pgs.	
		Abadi et al., "Authentication and Delegation with Smart-cards", July 30, 1992, 30 pgs.	
		Schneier, B., "Applied Cryptography", Applied Cryptography. Protocols, Algorithms, and Source Code in C, 1996, pp. 574-577.	
		"Secure Management Information Exchange", Bhatti et al., Journal of Network and Systems Management, Vol. 4, No. 3, 1996, pages 251-277.	

Examiner Signature	Date Considered 10/12/02
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